

**AMENDMENTS TO THE SEQUENCE LISTING**

**IN THE SEQUENCE LISTING**

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

**REMARKS**

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Substitute Sequence Listing, file “2008-05-19 0033-1091PUS1.txt”, is identical to the paper copy, except that it lacks formatting. In no way do the paper copy nor the disk copy of the Substitute Sequence Listing introduce new matter into the application.

The specification is amended to properly identify the disclosed sequences with a corresponding sequence identification number (SEQ ID NO). The Sequence Listing is amended to identify the present application by filing date and serial number and to correct matters of form. No new matter is introduced by these amendments.

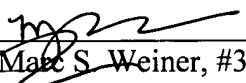
Application No. 10/589,497

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

MAY 21 2008

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  (BDO 40,062)  
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MSW/psq  
0033-1091PUS1

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Attachments:

Disk Copy of Substitute Sequence Listing  
Paper Copy of Substitute Sequence Listing  
Copy of Notification to Comply